

00005901

EG&G ROCKY FLATS

ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402-0464 (303) 966 7000

91 RF 4512

Attn T Lukow

MODULAR TANK PROJECT EJO 986819 JMK 0417 91

It is requested that procurement and installation of the modular tanks to replace the 207B ponds as a repository for seepage from the hillside French drains from the central sump be allowed to proceed. No operations will occur until completion of the IM/IRA approval process. The following paragraphs provide the justification for this request.

The fabrication of the tanks must be done on site. The joining of the tank sections must be done when ambient temperatures are greater than 50 F. If timely permission is not received, the earliest time frame for installation of the modular tank will become March/April 1992. The attached schedule shows the desired sequence.

The continued pumping of the central sump water into 207B north will cause complications in solidification of the solar pond sludge which will result in increased final waste form volume cost increases in the solidification contract as well as potential schedule impact in meeting the November 8, 1992 loss of RCRA interim status.

The present projected cost of processing and installing the modular tanks is \$1.6M. The estimated cost of the portable evaporation installation currently in progress is \$5.2M. Thus the increase in cost risk is minimal in comparison with total project costs.

Other alternatives were examined previously in preparation of the project plan and RCRA permit submittal. Given that the water had to be controlled, the other options evaluated were as follows:

Increased use of the 374 evaporator demonstrated that sufficient increased capacity was not available and in fact would require major upgrades to the evaporator and distillate distribution system at significant cost and elapsed time

Diverting the central sump water to B series detention ponds would be a violation of the FFCA and NPDES permit in that it would be an uncontrolled discharge

Construction of a surface impoundment rather than the modular tanks was environmentally unsound

ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNI

By Wes Duran (unc)
Date 8-16 93

A-0001-100 14

[illegible]

CLASSIFICATION

JCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER
SIGNATURE

DATE 7/22/9

IN REPLY TO AIR MAIL

7/23/11
IS APPROVALS

TRIG & TYPIST INITIALS
- [nmp

R M Nelson
July 24 1991
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In conclusion the risk of continuing the procurement and construction of the modular tanks is small in comparison with the risks both cost and environmental of taking no action until the IM/IRA is complete. In view of the unfavorable alternatives evaluated above I do not believe that the recommended action would prejudice the IM/IRA process. Therefore I request that EG&G continue procurement site preparation and tank installation.



J M Kersh Associate General Manager
Environmental and Waste Management
EG&G Rocky Flats Inc

DRF mmr

Orig and 1 cc R M Nelson Jr

ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	JAN 1	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
SCOPE & ESTIMATE	12JAN91A	18MAR91A	21 28	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25	4 11 18 25
DESIGN CRITERIA	15APR91A	10JUN91										
ENGINEERING	25MAR91A	15JUL91										
PROCUREMENT	7JUN91A	29JUL91										
PROPOSAL & AWARD	30JUL91	12AUG91										
CONSTRUCTION	13AUG91	14OCT91										
S O TEST	15OCT91	28OCT91										

EGGG ROCKY FLATS
SOLAR POND CURRENT SCHEDULE
TEMP MOD TANKS INTERCEPTOR TRENCH

Project Start: 198700
Project Finish: 198700

Sheet 1 of 1

Date: 198700
Plt Date: 198700